

ABSTRACT

To obtain a thrust converter constituted by a reciprocating means 1, a reciprocation-to-rotation converting means 5 for converting a reciprocating motion of the reciprocating means 1 into a rotary motion, a rotation-to-reciprocation converting means 11 located on the same axial line as that of the reciprocation-to-rotation converting means 5 for converting the rotary motion of the reciprocation-to-rotation converting means 5 into a reciprocating motion, a reaction force receiving means 15 for receiving reaction force against the reciprocating motion of the rotation-to-reciprocation converting means 11, and a moving means 92 for moving the reciprocation-to-rotation converting means 5 and the rotation-to-reciprocation converting means 11 in an axial direction separately from driving force due to the reciprocating motion of the reciprocating means 1. Accordingly, the length for the thrust converting quantity can be shortened in proportion to the ratio of the stroke.